

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/561,179
Source: TFWOP
Date Processed by STIC: 01/03/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006
TIME: 11:37:09

Input Set : A:\SEQ LISTING.ST25.txt
Output Set: N:\CRF4\01032006\J561179.raw

3 <110> APPLICANT: Nuevolution A/S
 5 <120> TITLE OF INVENTION: Encoded molecules by translation (EMT)
 7 <130> FILE REFERENCE: P894PC00
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/561,179 (CPG-6)
 C--> 9 <141> CURRENT FILING DATE: 2005-12-16
 9 <160> NUMBER OF SEQ ID NOS: 10
 11 <170> SOFTWARE: PatentIn version 3.1
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 13
 15 <212> TYPE: PRT
 16 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: Synthetic construct
 21 <220> FEATURE:
 22 <221> NAME/KEY: MISC_FEATURE
 23 <222> LOCATION: (3)..(3) FYI: If number of X's is 3 or less, insert definite figure, insert Maximum number of locations for X's
 24 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 27 <220> FEATURE:
 28 <221> NAME/KEY: MISC_FEATURE
 29 <222> LOCATION: (8)..(8)
 30 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine. same as above
 33 <220> FEATURE:
 34 <221> NAME/KEY: MISC_FEATURE
 35 <222> LOCATION: (11)..(11)
 36 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues. same as above
 39 <220> FEATURE:
 40 <221> NAME/KEY: MISC_FEATURE
 41 <222> LOCATION: (13)..(13)
 42 <223> OTHER INFORMATION: X represents any amino acid
 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (4)..(10)
 48 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be repeated n times in the structure. X can only represent a single amino acid, nothing else.
 52 <220> FEATURE:
 53 <221> NAME/KEY: MISC_FEATURE
 54 <222> LOCATION: (6)..(6)
 55 <223> OTHER INFORMATION: X represents FE-unit
 58 <220> FEATURE:
 59 <221> NAME/KEY: MISC_FEATURE
 60 <222> LOCATION: (10)..(10)
 61 <223> OTHER INFORMATION: X represents FE-unit
 64 <220> FEATURE:

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65 <221> NAME/KEY: MISC_FEATURE
 66 <222> LOCATION: (9)..(9)
 67 <223> OTHER INFORMATION: X represents a polar residue
 70 <400> SEQUENCE: 1 / / / /
 W--> 72 Met Cys Xaa Leu Lys Xaa Glu Xaa Xaa Xaa Cys Xaa
 73 1 5 10
 76 <210> SEQ ID NO: 2
 77 <211> LENGTH: 13
 78 <212> TYPE: PRT
 79 <213> ORGANISM: Artificial Sequence
 81 <220> FEATURE:
 82 <223> OTHER INFORMATION: Synthetic construct
 84 <220> FEATURE:
 85 <221> NAME/KEY: MISC_FEATURE
 86 <222> LOCATION: (3)..(3)
 87 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues
 90 <220> FEATURE:
 91 <221> NAME/KEY: MISC_FEATURE
 92 <222> LOCATION: (4)..(10)
 93 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be
 repeated n times in the structure.
 94 <220> FEATURE:
 98 <221> NAME/KEY: MISC_FEATURE
 99 <222> LOCATION: (11)..(11)
 100 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues
 103 <220> FEATURE:
 104 <221> NAME/KEY: MISC_FEATURE
 105 <222> LOCATION: (8)..(8)
 106 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine.
 109 <220> FEATURE:
 110 <221> NAME/KEY: MISC_FEATURE
 111 <222> LOCATION: (6)..(6)
 112 <223> OTHER INFORMATION: X represents FE-unit
 115 <220> FEATURE:
 116 <221> NAME/KEY: MISC_FEATURE
 117 <222> LOCATION: (10)..(10)
 118 <223> OTHER INFORMATION: X represents FE-unit
 121 <220> FEATURE:
 122 <221> NAME/KEY: MISC_FEATURE
 123 <222> LOCATION: (13)..(13)
 124 <223> OTHER INFORMATION: X represents any amino acid
 127 <220> FEATURE:
 128 <221> NAME/KEY: MISC_FEATURE
 129 <222> LOCATION: (9)..(9)
 130 <223> OTHER INFORMATION: X represents a polar residue
 133 <400> SEQUENCE: 2
 W--> 135 Met Cys Xaa Leu Glu Xaa Lys Xaa Xaa Xaa Cys Xaa
 136 1 5 10
 139 <210> SEQ ID NO: 3

RAW SEQUENCE LISTING
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Input Set : A:\SEQ LISTING.ST25.txt
Output Set: N:\CRF4\01032006\J561179.raw

140 <211> LENGTH: 13
 141 <212> TYPE: PRT
 142 <213> ORGANISM: Artificial Sequence
 144 <220> FEATURE:
 145 <223> OTHER INFORMATION: Synthetic construct
 147 <220> FEATURE:
 148 <221> NAME/KEY: MISC_FEATURE
 149 <222> LOCATION: (3)..(3)
 150 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues. *same as page 1*
 153 <220> FEATURE:
 154 <221> NAME/KEY: MISC_FEATURE
 155 <222> LOCATION: (6)..(6)
 156 <223> OTHER INFORMATION: X represents FE-unit *same error*
 159 <220> FEATURE:
 160 <221> NAME/KEY: MISC_FEATURE
 161 <222> LOCATION: (8)..(8)
 162 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine
 165 <220> FEATURE:
 166 <221> NAME/KEY: MISC_FEATURE
 167 <222> LOCATION: (9)..(9)
 168 <223> OTHER INFORMATION: X represents FE-unit *same error*
 171 <220> FEATURE:
 172 <221> NAME/KEY: MISC_FEATURE
 173 <222> LOCATION: (10)..(10)
 174 <223> OTHER INFORMATION: X represents a polar residue
 177 <220> FEATURE:
 178 <221> NAME/KEY: MISC_FEATURE
 179 <222> LOCATION: (4)..(10)
 180 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be repeated n times in the structure. *same as above*
 181 <220> FEATURE:
 185 <221> NAME/KEY: MISC_FEATURE
 186 <222> LOCATION: (11)..(11)
 187 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues. *same as above*
 190 <220> FEATURE:
 191 <221> NAME/KEY: MISC_FEATURE
 192 <222> LOCATION: (13)..(13)
 193 <223> OTHER INFORMATION: X represents any amino acid
 196 <400> SEQUENCE: 3
 W--> 198 Met Cys Xaa Leu Lys Xaa Glu Xaa Xaa Xaa Cys Xaa
 199 1 5 10
 202 <210> SEQ ID NO: 4
 203 <211> LENGTH: 13
 204 <212> TYPE: PRT
 205 <213> ORGANISM: Artificial Sequence
 207 <220> FEATURE:
 208 <223> OTHER INFORMATION: Synthetic construct
 210 <220> FEATURE:
 211 <221> NAME/KEY: MISC_FEATURE

RAW SEQUENCE LISTING
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Input Set : A:\SEQ LISTING.ST25.txt
Output Set: N:\CRF4\01032006\J561179.raw

212 <222> LOCATION: (13)..(13)
 213 <223> OTHER INFORMATION: X represents any amino acid
 216 <220> FEATURE:
 217 <221> NAME/KEY: MISC_FEATURE
 218 <222> LOCATION: (11)..(11)
 219 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 222 <220> FEATURE:
 223 <221> NAME/KEY: MISC_FEATURE
 224 <222> LOCATION: (10)..(10)
 225 <223> OTHER INFORMATION: X represents a polar residue
 228 <220> FEATURE:
 229 <221> NAME/KEY: MISC_FEATURE
 230 <222> LOCATION: (9)..(9)
 231 <223> OTHER INFORMATION: X represents FE-unit
 234 <220> FEATURE:
 235 <221> NAME/KEY: MISC_FEATURE
 236 <222> LOCATION: (6)..(6)
 237 <223> OTHER INFORMATION: X represents FE-unit
 240 <220> FEATURE:
 241 <221> NAME/KEY: MISC_FEATURE
 242 <222> LOCATION: (8)..(8)
 243 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine
 246 <220> FEATURE:
 247 <221> NAME/KEY: MISC_FEATURE
 248 <222> LOCATION: (4)..(10)
 249 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be repeated n times in the structure.

→ same as page 1

250 <220> FEATURE:
 254 <221> NAME/KEY: MISC_FEATURE
 255 <222> LOCATION: (3)..(3)
 256 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 259 <400> SEQUENCE: 4

→ same as above

W--> 261 Met Cys Xaa Leu Glu Xaa Lys Xaa Xaa Xaa Xaa Cys Xaa

262 1 5 10

265 <210> SEQ ID NO: 5
 266 <211> LENGTH: 16

267 <212> TYPE: DNA
 268 <213> ORGANISM: Artificial Sequence

270 <220> FEATURE:
 271 <223> OTHER INFORMATION: Synthetic construct

273 <400> SEQUENCE: 5

274 tagtccgaat cccggg

277 <210> SEQ ID NO: 6

278 <211> LENGTH: 52

279 <212> TYPE: DNA

280 <213> ORGANISM: Artificial Sequence

282 <220> FEATURE:

283 <223> OTHER INFORMATION: Synthetic construct

285 <400> SEQUENCE: 6

16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006

TIME: 11:37:09

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

286 ccgggatcct gtaatacgac tcactatagg ctgatcgatt tcagtacgga gg	52
289 <210> SEQ ID NO: 7	
290 <211> LENGTH: 15	
291 <212> TYPE: DNA	
292 <213> ORGANISM: Artificial Sequence	
294 <220> FEATURE:	
295 <223> OTHER INFORMATION: Synthetic construct	
297 <400> SEQUENCE: 7	
298 cccgggattc ggact	15
301 <210> SEQ ID NO: 8	
302 <211> LENGTH: 76	
303 <212> TYPE: RNA	
304 <213> ORGANISM: Artificial Sequence	
306 <220> FEATURE:	
307 <223> OTHER INFORMATION: Synthetic construct	
309 <400> SEQUENCE: 8	
310 gcggauuuag cucaguuggg agagcgccag acugaaaauc uggagguccu guguucgauc	60
312 cacagaauuc gcacca	76
315 <210> SEQ ID NO: 9	
316 <211> LENGTH: 76	
317 <212> TYPE: RNA	
318 <213> ORGANISM: Artificial Sequence	
320 <220> FEATURE:	
321 <223> OTHER INFORMATION: Synthetic construct	
323 <400> SEQUENCE: 9	
324 gcggauuuag cucaguuggg agagcgccag acucuuuauc uggagguccu guguucgauc	60
326 cacagaauuc gcacca	76
329 <210> SEQ ID NO: 10	
330 <211> LENGTH: 76	
331 <212> TYPE: RNA	
332 <213> ORGANISM: Artificial Sequence	
334 <220> FEATURE:	
335 <223> OTHER INFORMATION: Synthetic construct	
337 <220> FEATURE:	
338 <221> NAME/KEY: misc_feature	
339 <222> LOCATION: (34)..(36)	
340 <223> OTHER INFORMATION: variable sequence (i.e. anticodon)	
343 <400> SEQUENCE: 10	
W--> 344 gcggauuuag cucaguuggg agagcgccag acunnnnaauc uggagguccu guguucgauc	60
346 cacagaauuc gcacca	76

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006
TIME: 11:37:10

Input Set : A:\SEQ LISTING.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 3,6,8,9,10,11,13
Seq#:2; Xaa Pos. 3,6,8,9,10,11,13
Seq#:3; Xaa Pos. 3,6,8,9,10,11,13
Seq#:4; Xaa Pos. 3,6,8,9,10,11,13
Seq#:10; N Pos. 34,35,36

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006

TIME: 11:37:10

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0